NM OIL CONS COMMISSION
Drawer DD
Artesia, NM 88210

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   [XX] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator
   Mack Energy Corporation
3. Address and Telephone No.
   P.O. Box 960, Artesia, NM 88211-0960 (505)748-1288
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   SW/4 NE/4 Unit B
   Sec. 24-T19S-R31E
   1980 North 1980 East

5. Lease Designation and Serial No.
   NM0107697
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
   Ohio Jones #2
9. API Well No.
   30-015-05786
10. Field and Pool, or Exploratory Area
    Lusk Yates 7 Rivers
11. County or Parish, State
    Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[XX] Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attached.

RECEIVED
OCT 11 11 32 AM '95
CARLSBAD AREA OFFICE

14. I hereby certify that the foregoing is true and correct
Signed Crissa D. Carter Title Production Clerk Date 10/10/95

(This space for Federal or State office use)
Approved by Orig. Signed by Shannon J. Shaw Title PETROLEUM ENGINEER Date 11/21/95
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

MACK ENERGY CORPORATION

INFORMATION LIST
Onshore Order #7 Water Disposal Method

lease Name: OHIO JONES #2
Lease Number NM-0107697

Name (s) of formation (s) producing water on the lease

LUSK YATES 7 RIVERS

Amount of water produced from each formation in barrels per day.

.75 Barrel per day

A water analysis of produced water from each zone showing at lease the total dissolved solids, ph, and concentrations of chlorides and sulfates.

~~**WILL FOLLOW**~~ ATTACHED

How water is stored on the lease.

TANK

How water is moved to disposal facility.

BY TRUCK

Operator's name, well name and location, by 1/4 1/4, section, township, and range, of the disposal facility. If the disposal facility is an approved disposal system, the operator's name and the name of the disposal system should suffice.

MACK ENERGY CORPORATION
FM ROBINSON SWD
R-8191 SEC 27 T17S R29E

Alternate Disposal:

LOCO HILLS WATER DISPOSAL FACILITY
R-6811A SEC 16 T17S R30E

PETROLITE

TRETOLITE DIVISION

Petrolite Corporation
200 North Loraine, Suite 1100
Midland, TX 79701-4736

(915) 682-4301
Fax (915) 684-7873

Reply to:
P.O. Box 60180
Midland, TX 79711-0180

WATER ANALYSIS REPORT

Company	: MACK ENERGY	Date	: 6-30-93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 6-18-93
Lease	: OHIO-JONES	Analysis No.	: 1914
Well	: #2		
Sample Pt.	:		

	ANALYSIS		mg/L		* meq/L
1.	pH	6.5			
2.	H2S	210 PPM			
3.	Specific Gravity	1.020			
4.	Total Dissolved Solids		24825.8		
5.	Suspended Solids				
6.	Dissolved Oxygen				
7.	Dissolved CO2		280 PPM		
8.	Oil In Water				
9.	Phenolphthalein Alkalinity (CaCO3)				
10.	Methyl Orange Alkalinity (CaCO3)		790.0		
11.	Bicarbonate	HCO3	963.8	HCO3	15.8
12.	Chloride	Cl	13451.0	Cl	379.4
13.	Sulfate	SO4	2065.0	SO4	43.0
14.	Calcium	Ca	1234.5	Ca	61.6
15.	Magnesium	Mg	1735.7	Mg	142.8
16.	Sodium (calculated)	Na	5375.9	Na	233.8
17.	Iron	Fe	0.0		
18.	Barium	Ba	Not Run		
19.	Strontium	Sr	Not Run		
20.	Total Hardness (CaCO3)		10229.2		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter

62	*Ca <----- *HCO3	16
	/------->	
143	*Mg -----> *SO4	43
	<---------/	
234	*Na -----> *Cl	379

Saturation Values Dist. Water 20 C

CaCO3	13 mg/L
CaSO4 * 2H2O	2090 mg/L
BaSO4	2.4 mg/L

Compound	Equiv wt	X meq/L	= mg/L
Ca(HCO3)2	81.0	15.8	1280
CaSO4	68.1	43.0	2927
CaCl2	55.5	2.8	155
Mg(HCO3)2	73.2		
MgSO4	60.2		
MgCl2	47.6	142.8	6798
NaHCO3	84.0		
Na2SO4	71.0		
NaCl	58.4	233.8	13665

REMARKS: CANADA - ALLISON - BENNETT - FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SUE CRISS

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SCALE TENDENCY REPORT

Company	: MACK ENERGY	Date	: 6-30-93
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 6-18-93
Lease	: OHIO-JONES	Analysis No.	: 1914
Well	: #2	Analyst	: SUE CRISS
Sample Pt.	:		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO3 Scaling Tendency

S.I. = 0.4 at 80 deg. F or 27 deg. C
S.I. = 0.5 at 120 deg. F or 49 deg. C

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CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S = 4026 at 80 deg. F or 27 deg C
S = 4145 at 120 deg. F or 49 deg C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
SUE CRISS